

## HCK Ab

[Images\(1\)](#)

Cat.#: BF0453                      Concn.: ~1mg/ml                      Mol.Wt.: 59kDa  
Size:                                      Source: Mouse                      Clonality: Monoclonal

Application:                      ELISA 1:10000, WB 1:500-1:2000, IHC 1:200-1:1000  
\*The optimal dilutions should be determined by the end user.

Reactivity:                      Human

Storage:                      Mouse IgG1 in phosphate buffered saline (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from date of receipt.

Purification:                      Affinity-chromatography.

Immunogen:                      Purified recombinant fragment of human HCK expressed in E. Coli.

Uniprot:                      P08631

Description:                      The protein encoded by this gene is a protein-tyrosine kinase that is predominantly expressed in hemopoietic cell types. The encoded protein may help couple the Fc receptor to the activation of the respiratory burst. In addition, it may play a role in neutrophil migration and in the degranulation of neutrophils. Alternate translation initiation site usage, including a non-AUG (CUG) codon, results in the production of two different isoforms, that have different subcellular localization.

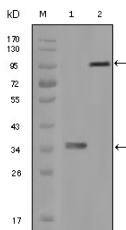


Figure 1: Western blot analysis using HCK mouse mAb against truncated HCK recombinant protein (1) and full-length HCK-GFP transfected CHO-K1 cell lysates (2).

**IMPORTANT:** For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.

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